

FIG. 1

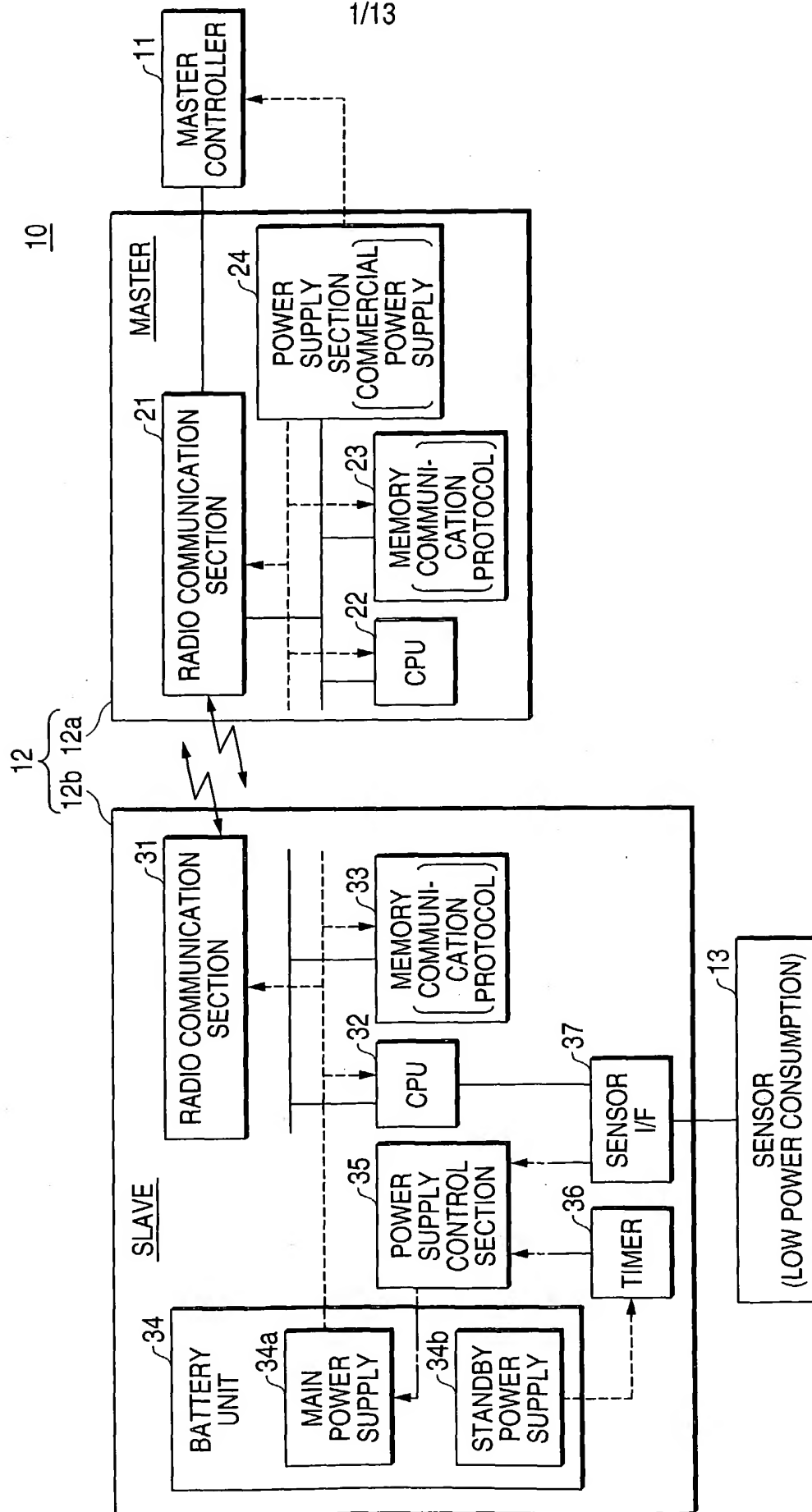
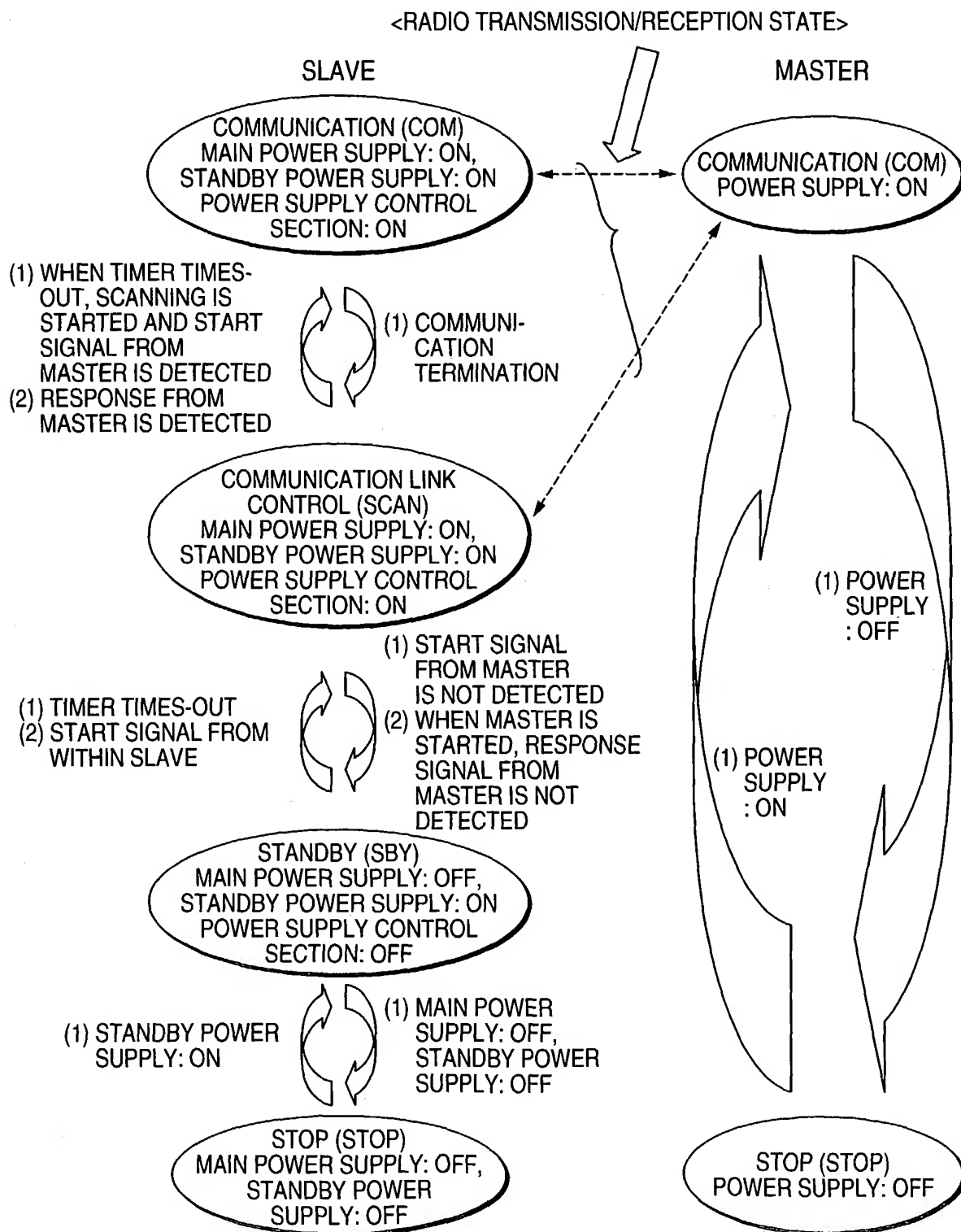


FIG. 2



3/13

FIG. 3

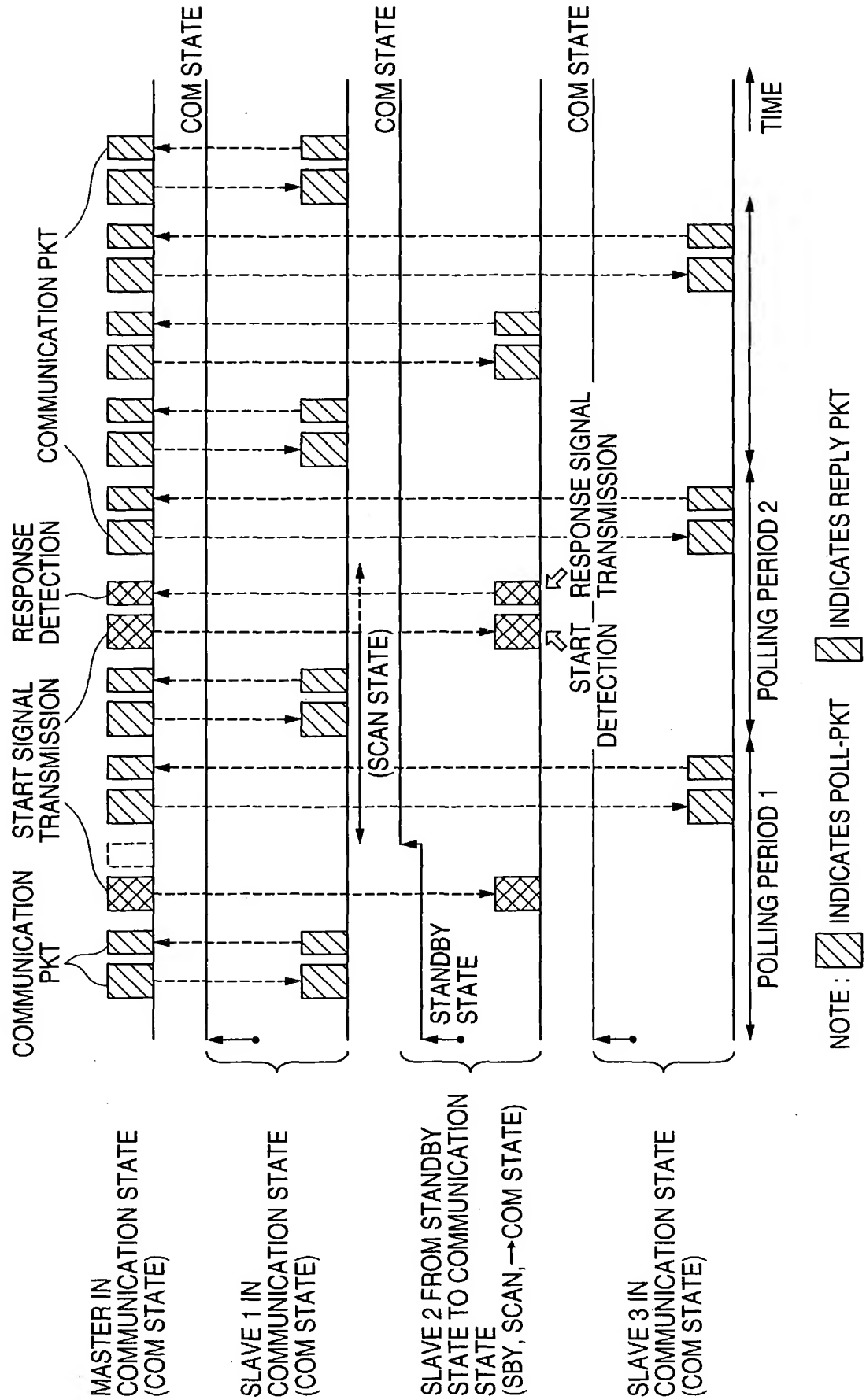
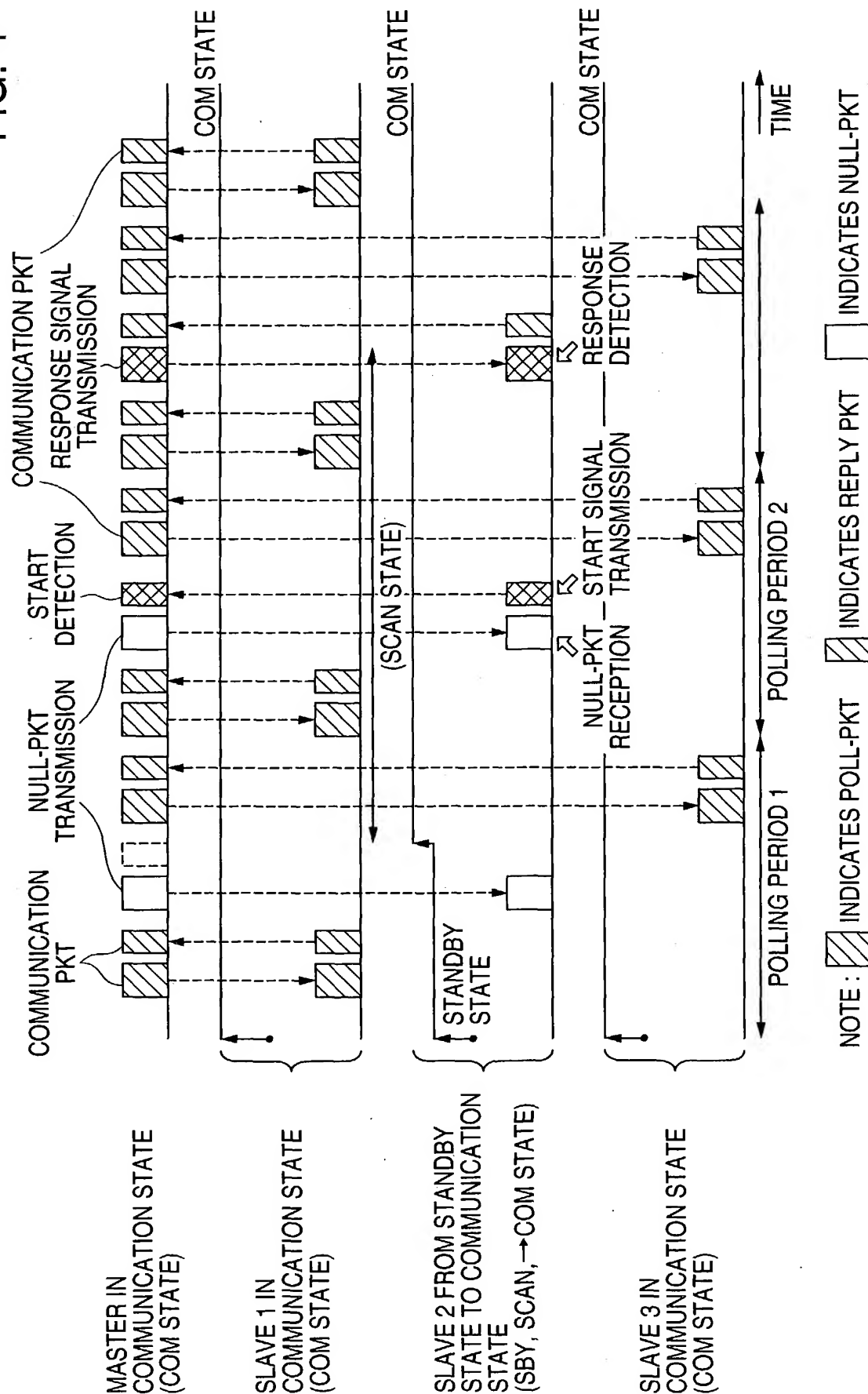


FIG. 4



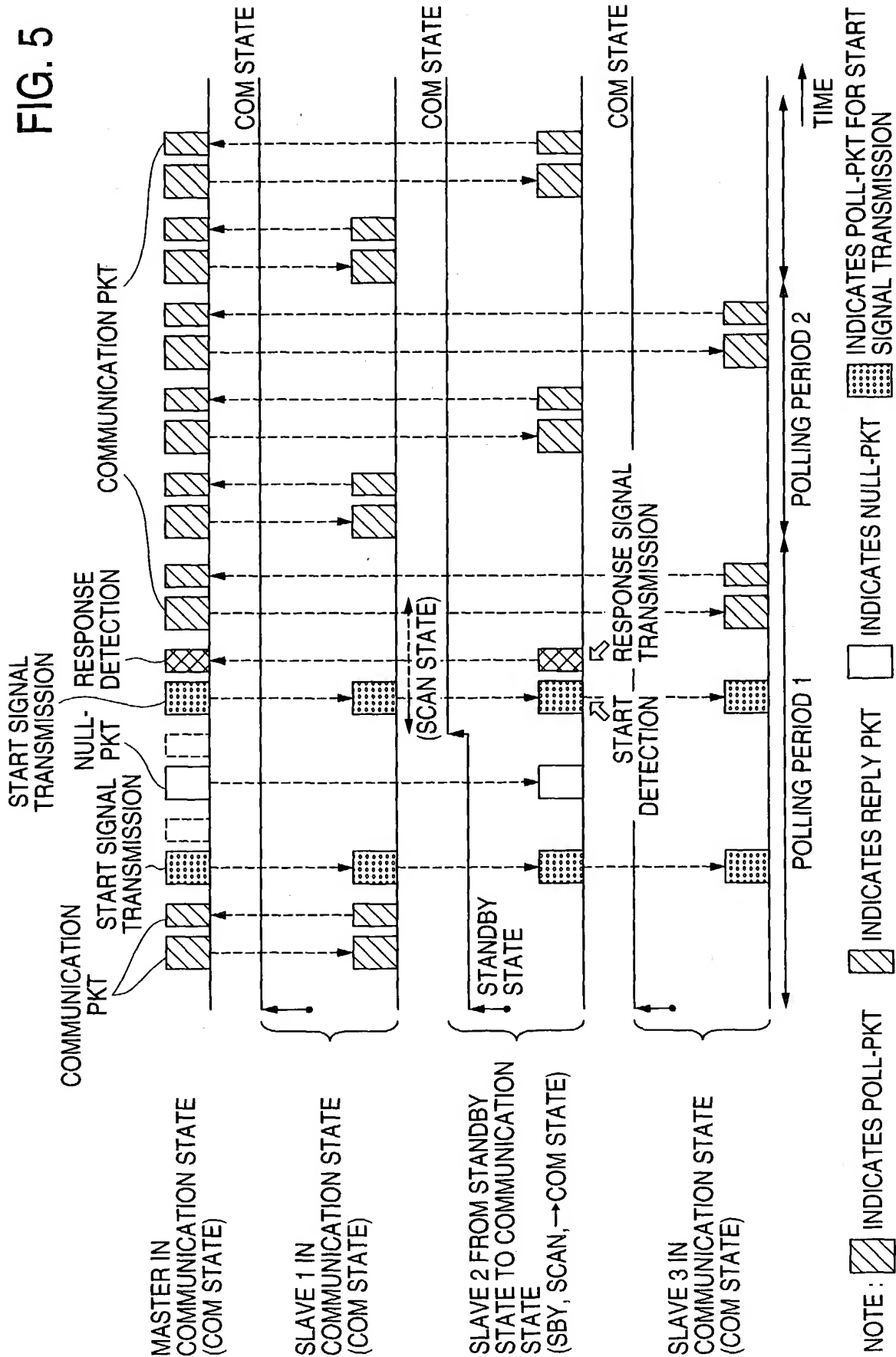


FIG. 6A

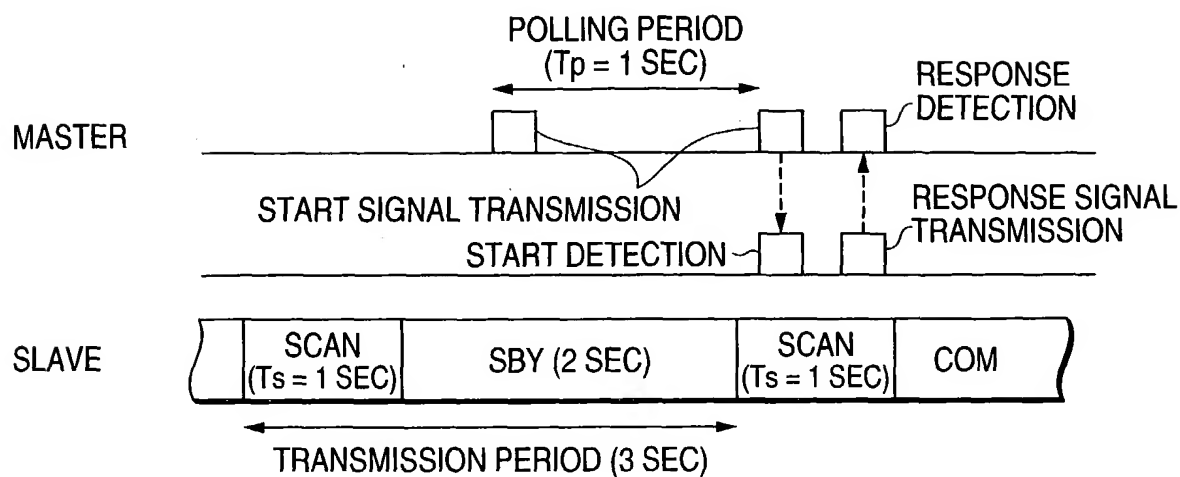


FIG. 6B

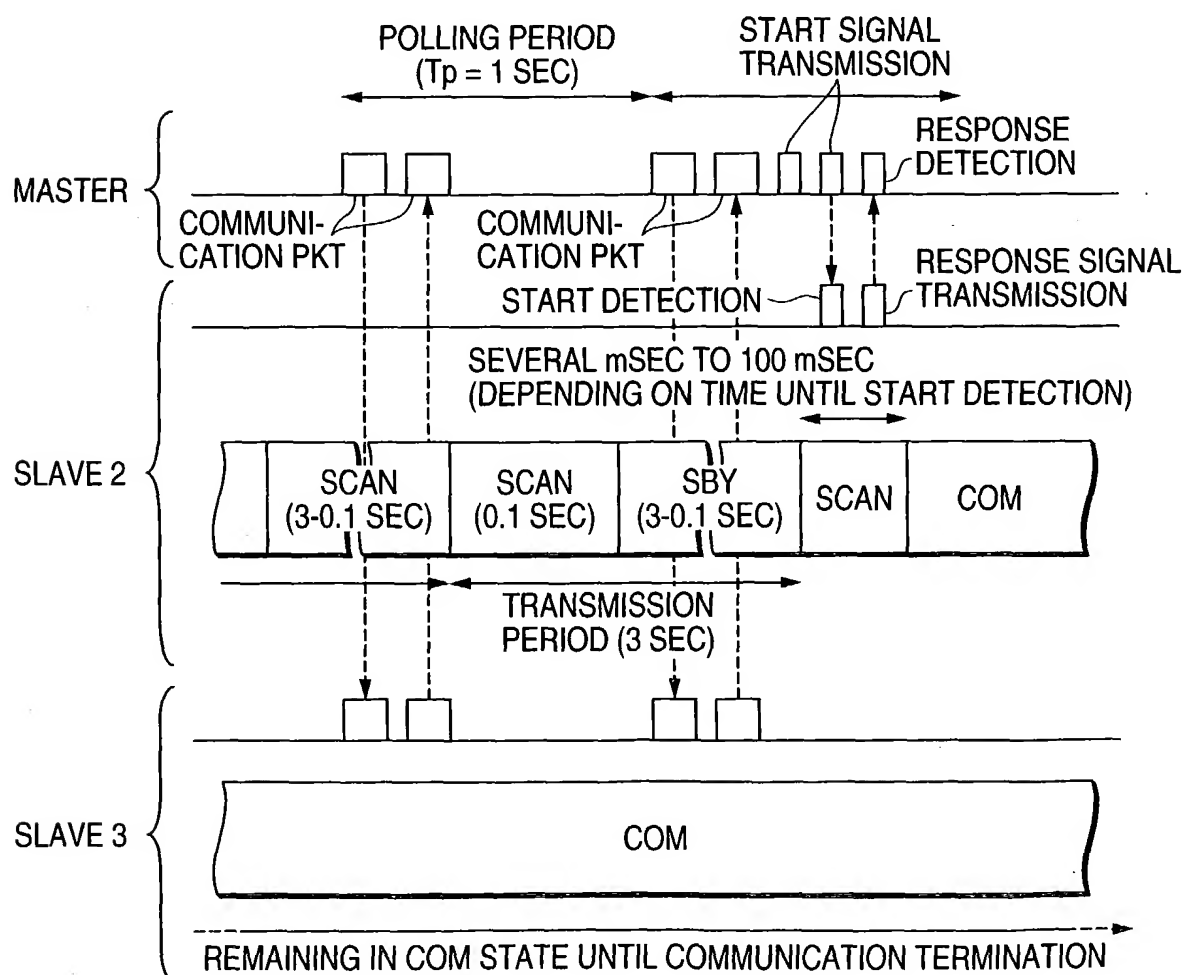
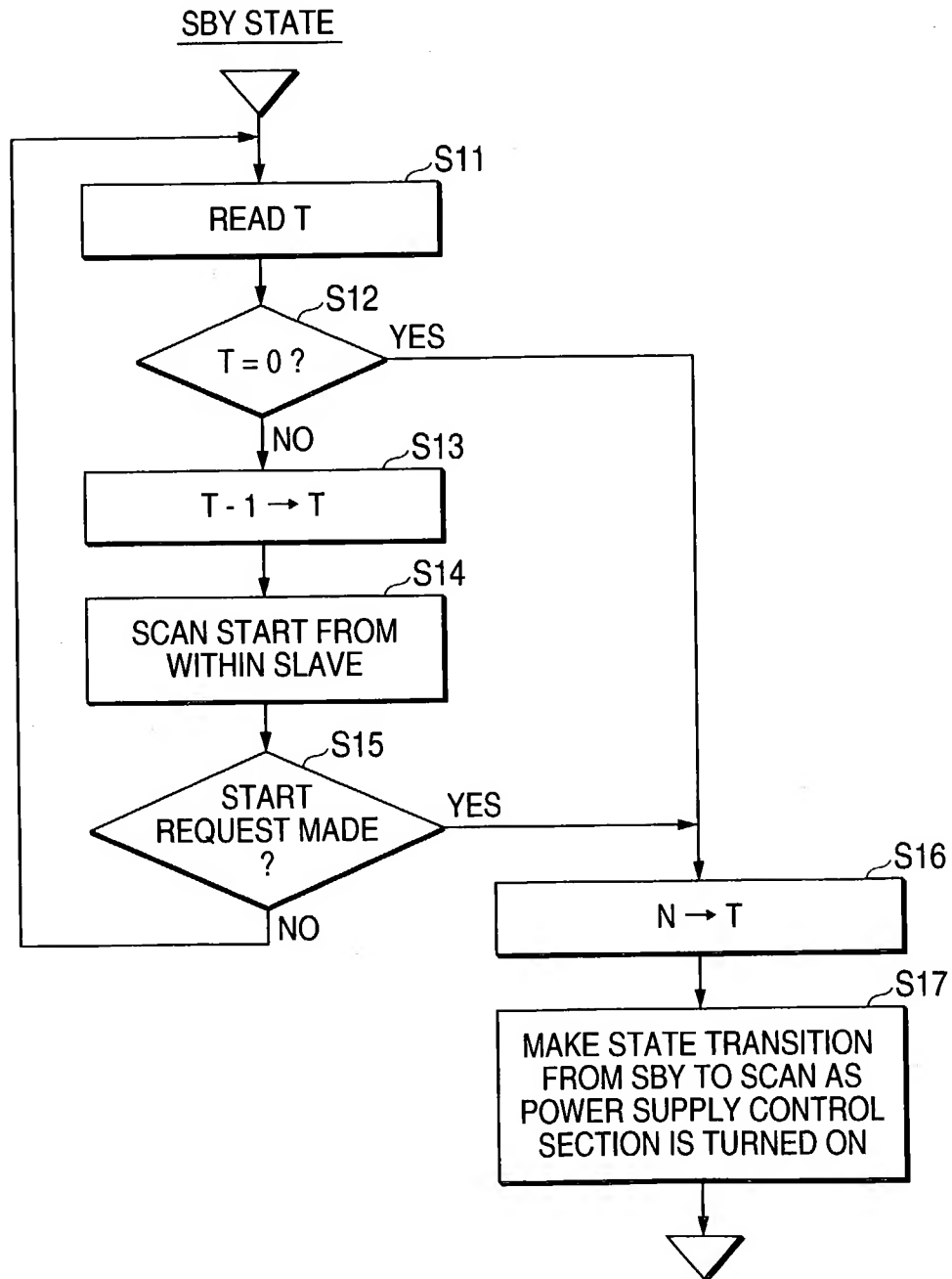


FIG. 7



8/13

FIG. 8

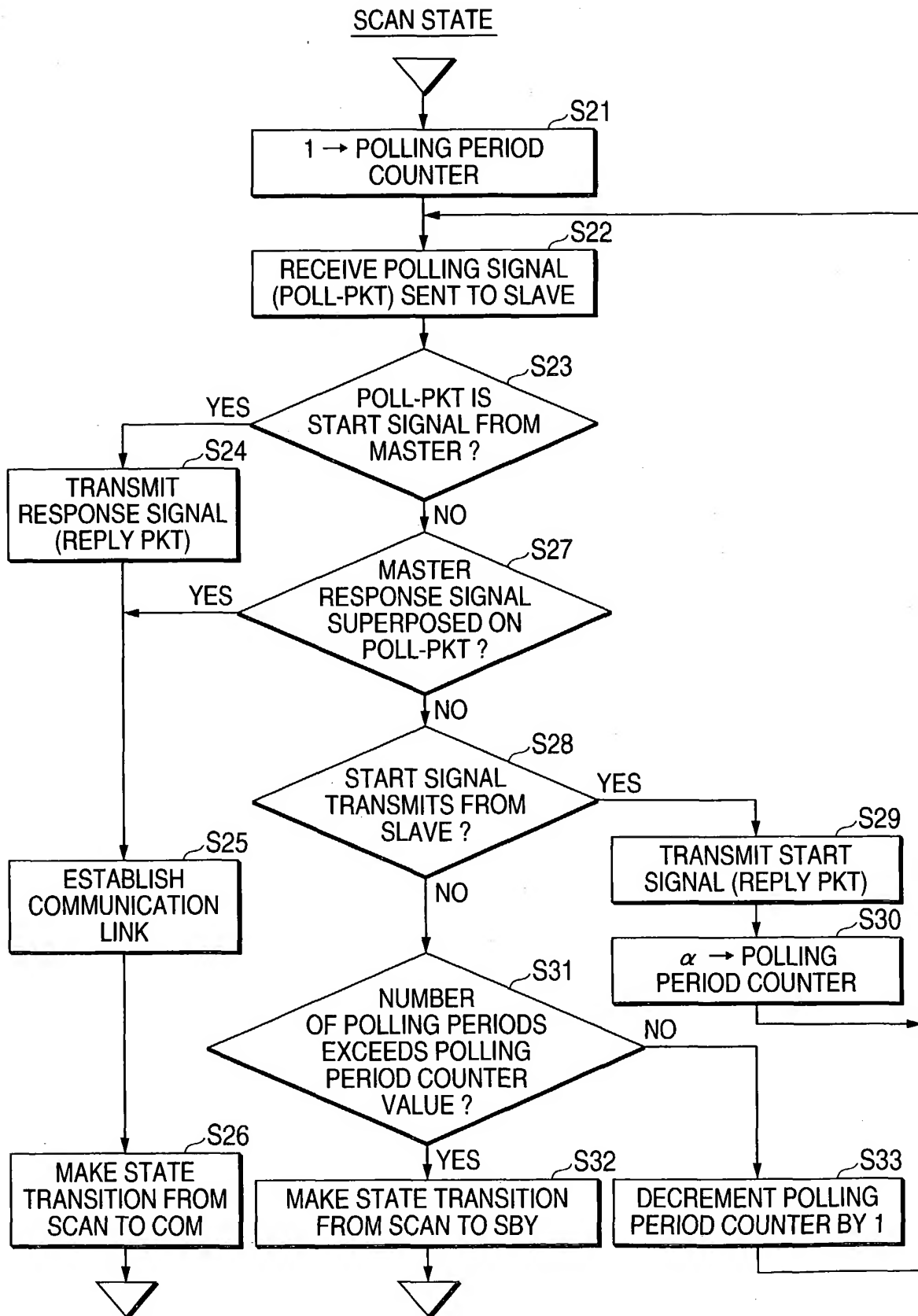
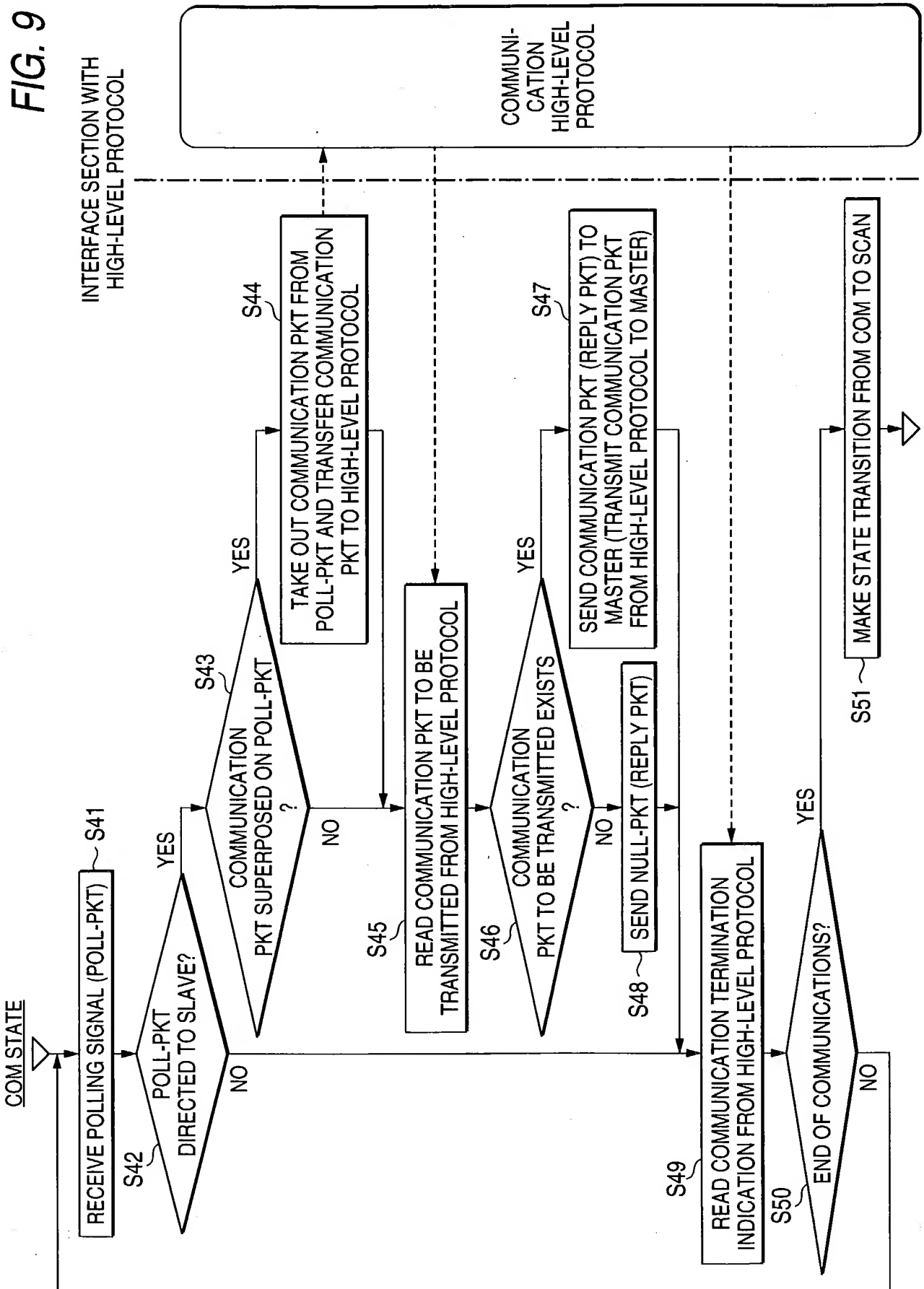


FIG. 9



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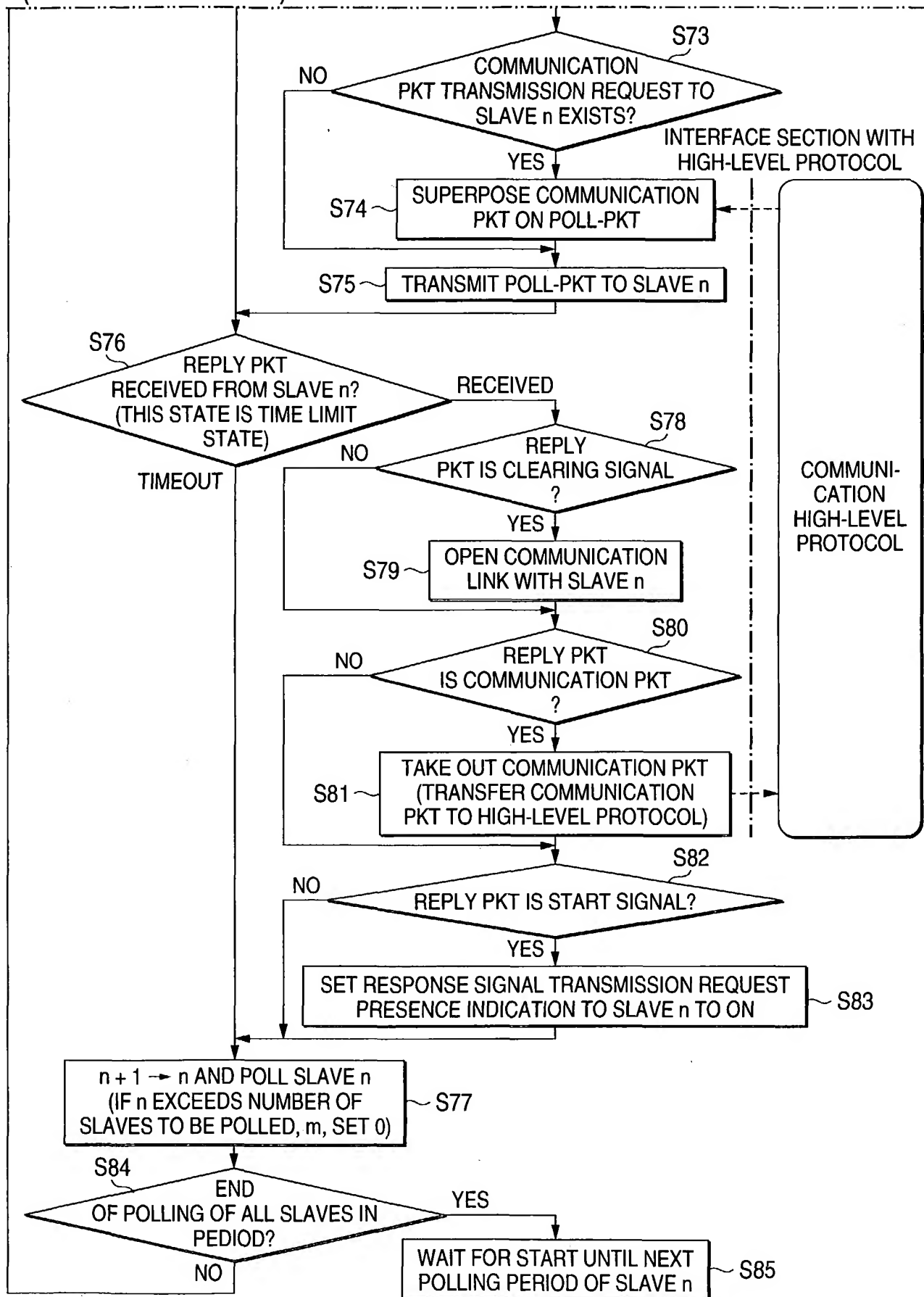
graph TD
    COM_STATE[COM STATE] --> S61[PREPARE POLL-PKT TO SLAVE n]
    S61 --> S62{COMMUNICATION START REQUEST FROM MASTER TO SLAVE n EXISTS?}
    S62 -- NO --> S64
    S62 -- YES --> S63[TRANSMIT START SIGNAL POLL-PKT TO SLAVE n]
    S63 --> S64
    S64{RESPONSE SIGNAL REPLY PKT RECEIVED FROM SLAVE n? THIS STATE IS TIME LIMIT STATE}
    S64 -- RECEIVED --> S65[ESTABLISH COMMUNICATION LINK WITH SLAVE n]
    S64 -- TIMEOUT --> S65'
    S65' --> S66{RESPONSE SIGNAL TRANSMISSION REQUEST PRESENCE INDICATION TO SLAVE n IS ON?}
    S66 -- YES --> S66[SUPERPOSE RESPONSE SIGNAL ON POLL-PKT]
    S66 -- NO --> S69
    S66[ ] --> S67[TRANSMIT POLL-PKT TO SLAVE n]
    S67 --> S68[ESTABLISH COMMUNICATION LINK WITH SLAVE n]
    S68 --> COM_STATE
    S69{CLEANING SIGNAL PKT TRANSMISSION REQUEST TO SLAVE n EXISTS?}
    S69 -- YES --> S70[ ]
    S70 --> S70[ ]
    S70 --> S71[TRANSMIT POLL-PKT TO SLAVE n]
    S71 --> S72[ ]
    S72 --> S72[ ]
    S72 --> COM_STATE
    S69 -- NO --> COM_STATE

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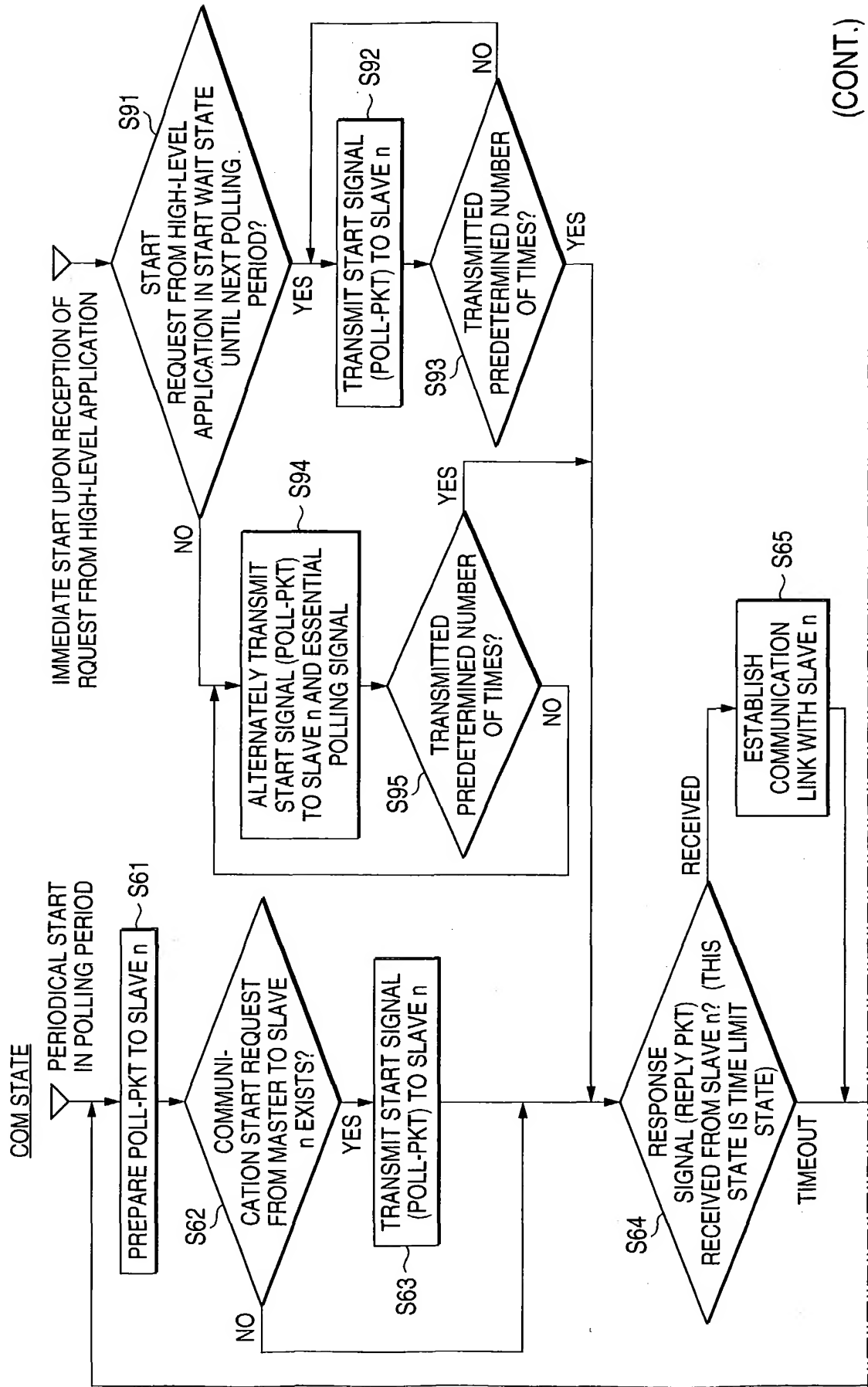
(CONT.)

11/13

(FIG. 10 CONTINUED)



(CONT.)



(FIG. 11 CONTINUED)

